

REMARKS

Upon entry of the foregoing amendment, claims 1-3 and 8-24 are pending in the application with claims 1, 12, and 20 being independent claims. Claims 4-7 have been canceled without prejudice to or disclaimer of the subject matter therein and all rejections and objections related to these canceled claims are rendered moot. Claims 8-24 are new. No new subject matter has been introduced by these amendments.

The Drawings Comply with 37 C.F.R. § 1.84(p)(5)

The drawings stand objected to as failing to comply with 37 C.F.R. § 1.84(p)(5) because the drawings included a reference character not mentioned in the specification. The text of the specification has been amended at paragraph [0021] to include the reference character not previously mentioned. Accordingly, Applicant respectfully requests that the objection under 37 C.F.R. § 1.84(p)(5) be withdrawn.

Specification Informalities Addressed

The disclosure was objected to for informalities in paragraphs [0002] and [0003]. Paragraph [0002] has been amended to use a single quote instead of a double quote in line 9. It is respectfully submitted that paragraph [0003] does not include a typographical error in lines 3-4, and thus, has not been modified. Accordingly, Applicant respectfully requests that the objection based on the informalities in the disclosure be withdrawn.

Claim Objections Rendered Moot

Claims 1-7 were objected to because of informalities in claims 6 and 7. The Examiner treated independent claim 7 as beginning at line 4 of claim 6. Claims 6 and 7 have been

canceled. Thus, the claim objections have been rendered moot. Accordingly, Applicant respectfully requests that the claim objections be withdrawn.

The Claims Comply with 35 U.S.C. § 112, Second Paragraph

Claims 1-3 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. The claims have been amended such that the rejection under 35 U.S.C. § 112, second paragraph, is no longer apposite. Accordingly, Applicant respectfully requests that the rejection under 35 U.S.C. § 112, second paragraph, be withdrawn.

Claims 1-3 are Allowable Over the Diorio Patent in View of the Beroulle Article

Claims 1-3 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 7,026,935 to Diorio et al. (“the Diorio patent”) in view of an article authored by Beroulle et al. entitled, “Behavioral Modeling and Simulation of Antennas: Radio-Frequency Identification Case Study,” Proceedings of the 2003 International Workshop on Behavioral Modeling and Simulation, 7-8 Oct. 2003, pgs. 102-106 (“the Beroulle article”). This rejection is traversed for the reason below.

Independent claim 1 recites a logical system simulator configured to simulate an electronic representation of an RFID system based on the plurality of RFID system component specifications to select at least two RFID system components including at least one of an RFID tag or an RFID interrogator. It is respectfully submitted that while the Diorio patent discloses changing the communication mode of a particular tag or groups of tags, the Diorio patent is entirely silent with respect to selecting a component for use in an RFID system based on a simulation of system component specifications. For example, the Diorio patent discloses employing a particular signaling mode for an RFID reader based on an environmental condition, but fails to disclose or suggest selecting an RFID reader. The Beroulle article similarly fails to disclose selecting a component for use in an RFID system based on a simulation of system component specifications.

For at least the reason stated above, the Applicant respectfully submits that independent claim 1 is allowable over the Diorio patent in view of the Beroulle article. Based at least on their dependence upon independent claim 1 dependent claims 8-11 are also allowable. Thus, the Applicant respectfully requests that the rejection under 35 U.S.C. § 103(a) be withdrawn and the claims allowed.

The New Claims are Allowable Over the Diorio patent in View of the Beroulle article

Independent claim 12 recites “selecting at a radio frequency identification (RFID) simulator a simulated RFID tag from a set of simulated RFID components based on a specification associated with the simulated RFID tag and a simulation of an electronic representation of an RFID system; and modifying the specification associated with the simulated RFID tag based on a signal received at a physical interrogator from a physical RFID tag, the physical RFID tag being associated with the simulated RFID tag and being deployed in a physical RFID system associated with the electronic representation of the RFID system.” Accordingly, the references cited by the Examiner fail to disclose or suggest the elements of independent claim 12. For at least this reason, independent claim 12 is allowable over the cited references. Based at least on their dependence upon claim 12, dependent claims 13-19 are also allowable.

Independent claim 20 recites “sending an electronic representation of a first radio frequency identification (RFID) system associated with an architectural environment and an electronic representation of a second RFID system associated with the architectural environment, at least two components of the first RFID system being selected based on a first simulation defined based on a set of constraints, at least two components of the second RFID system being selected based on a second simulation defined based on the set of constraints; and modifying a portion of at least one of the first RFID system or the second RFID system based on an input from a user.” Accordingly, the references cited by the Examiner fail to disclose or suggest the elements of independent claim 20. For at least this reason, independent claim 20 is allowable over the cited references. Based at least on their dependence upon independent claim 20, dependent claims 21-24 are also allowable.

Comment on Art Made of Record and Not Relied Upon

Several references were made of record by the Examiner, but not relied upon for this office action. The Applicant does not concede that any of the several references cited by the Examiner are prior art. Also, the Applicant does not concede the summaries of the references as drafted by the Examiner are an accurate representation of the content of the references.

CONCLUSION

Applicant believes that a full and complete response has been made to the outstanding rejections and objections and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that further personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided. Prompt and favorable consideration of the Amendment to the claims is respectfully requested.

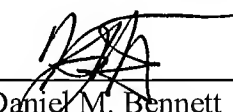
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1283.

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